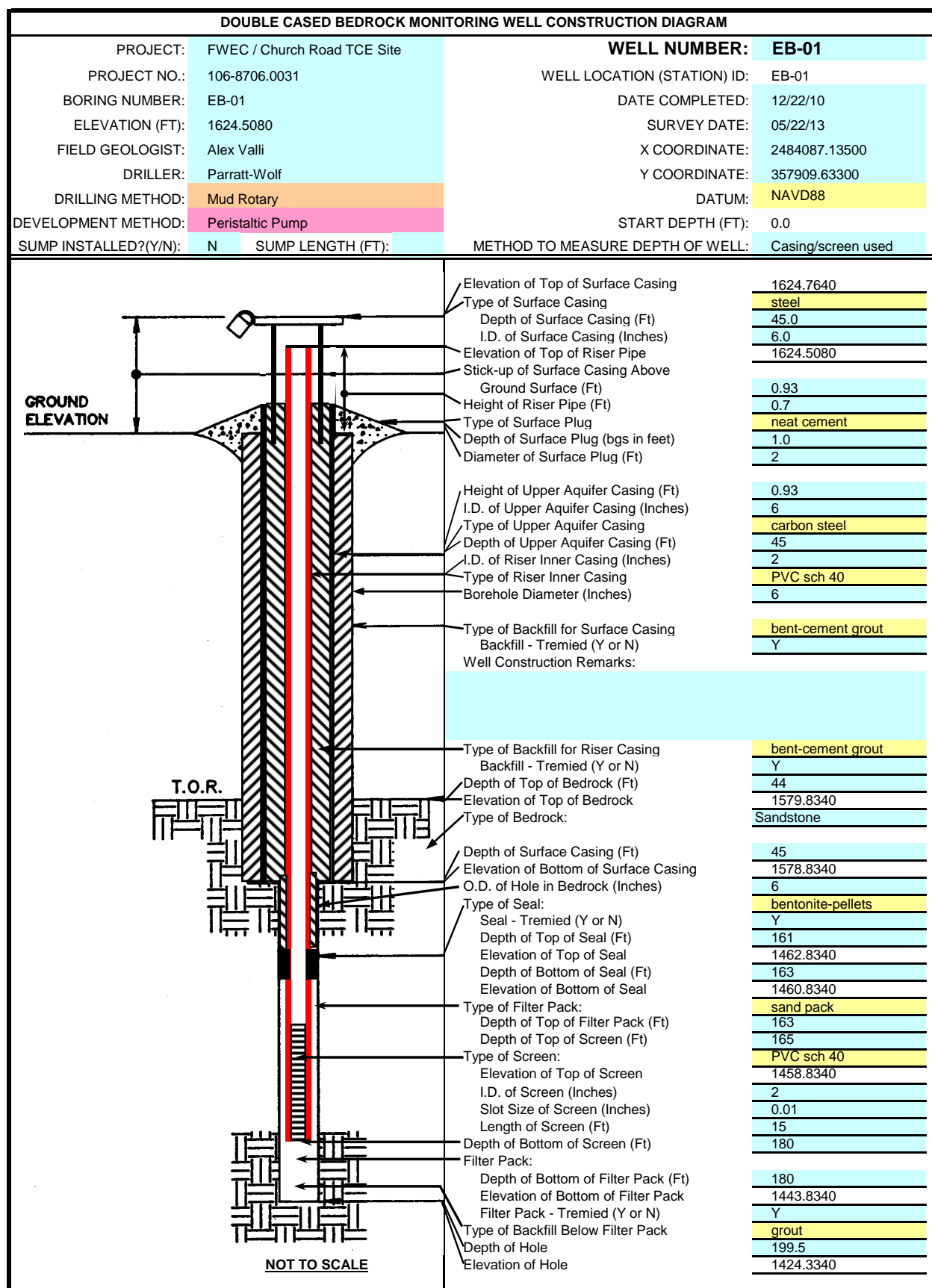


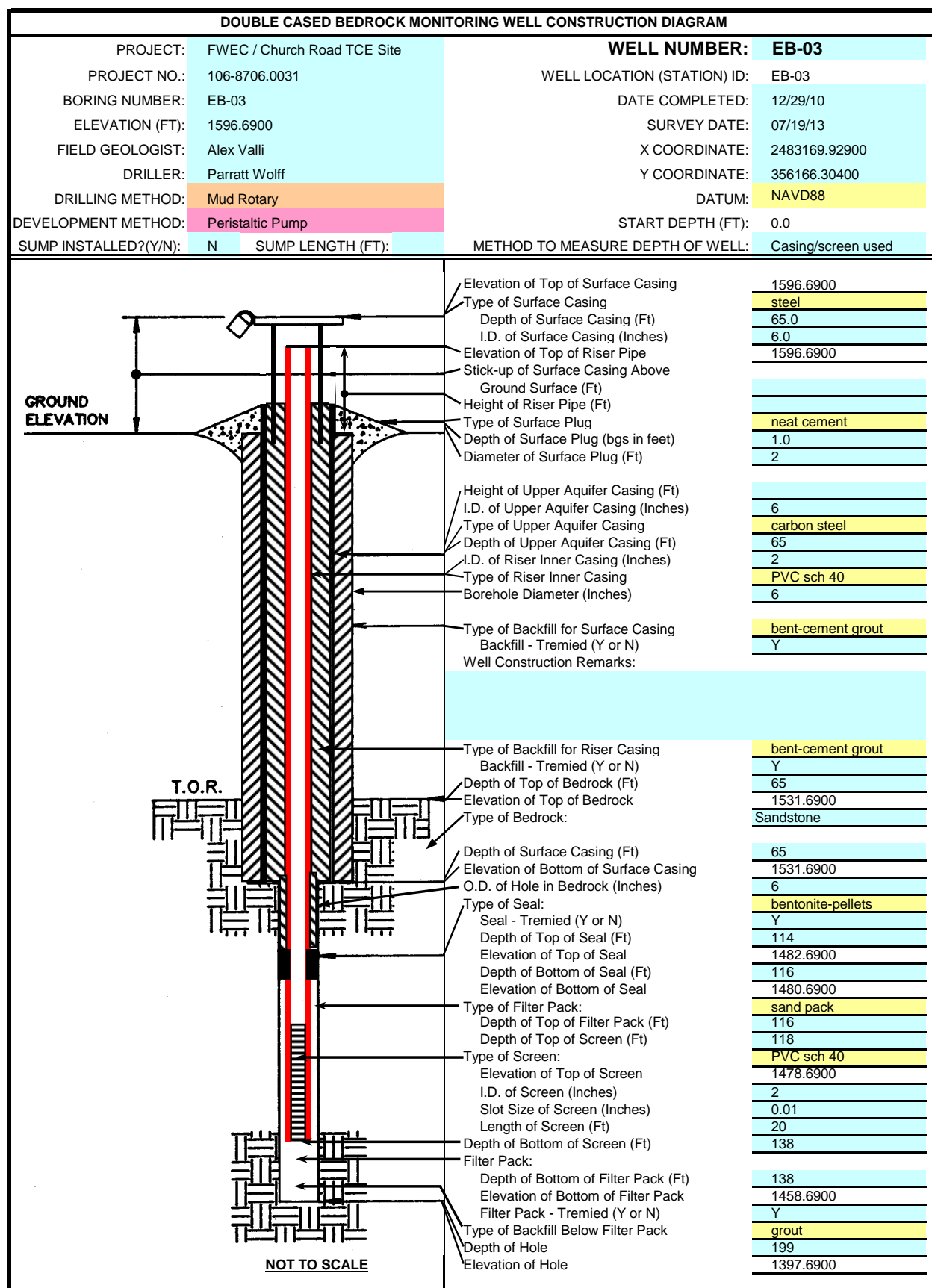
APPENDIX I

MONITORING WELL CONSTRUCTION DIAGRAMS

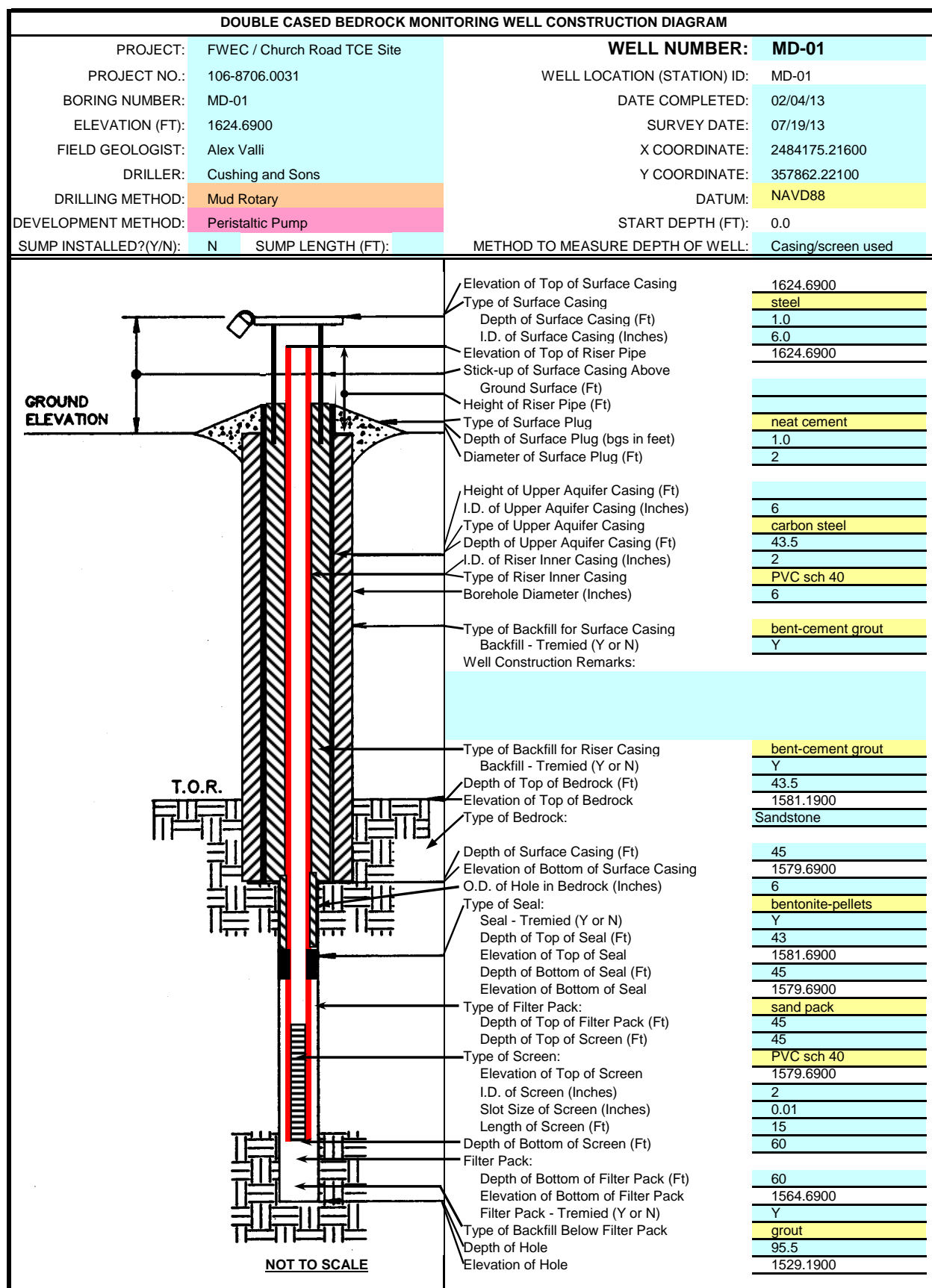
MONITORING WELL CONSTRUCTION DIAGRAM



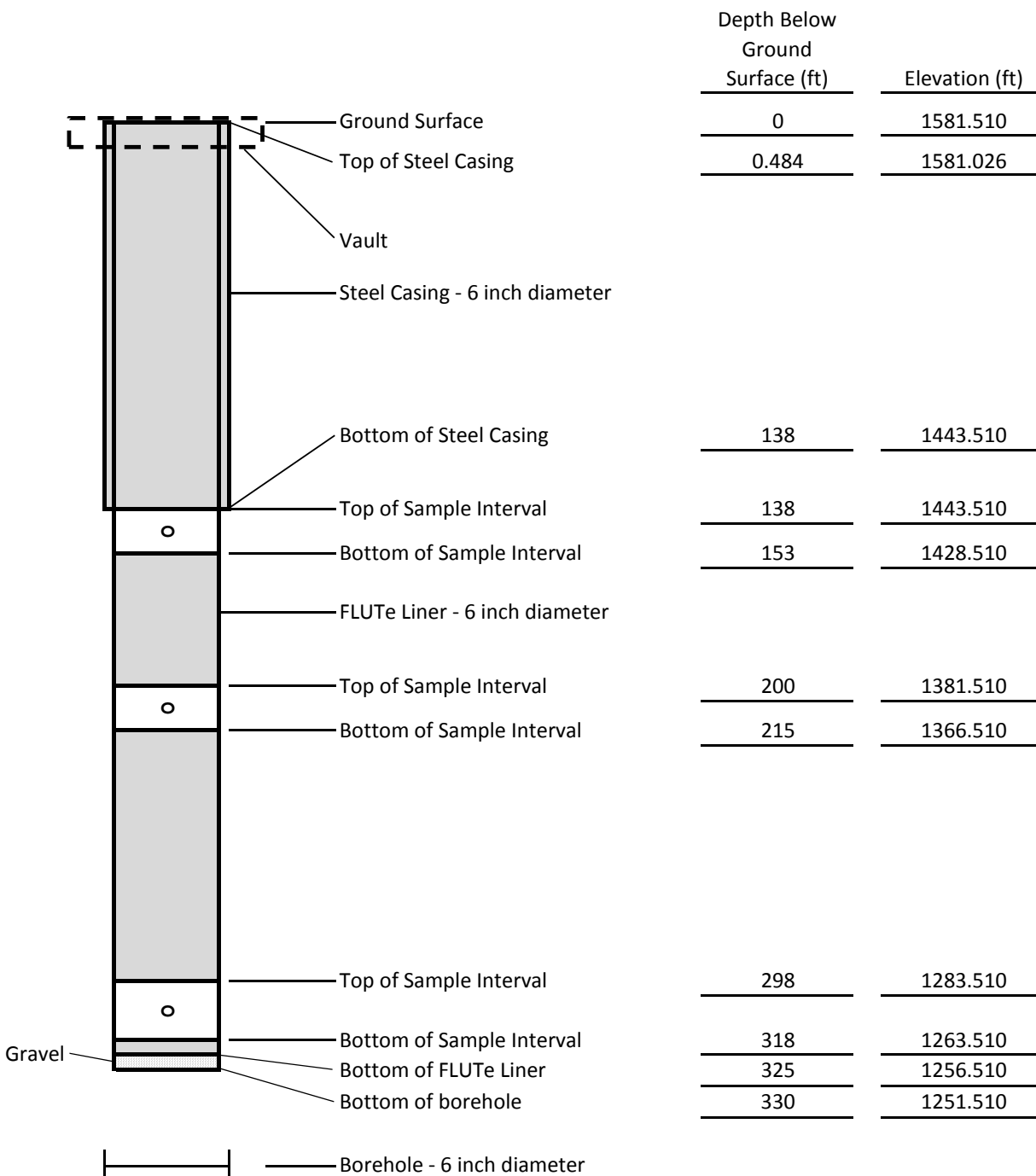
MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM



FLUTe MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
PROJECT:	FWEC/Church Road TCE Site	WELL NUMBER:	RMW-01D
PROJECT NO.:	106-8706.0031	WELL LOCATION (STATION) ID:	RMW-01D
BORING NUMBER:	RMW-01D	DATE COMPLETED:	03/20/13
ELEVATION (FT):	1581.026	SURVEY DATE:	05/22/13
FIELD GEOLOGIST:	Alex Valli	X COORDINATE:	2483321.676
DRILLER:	Eichelbergers	Y COORDINATE:	355551.838
DRILLING METHOD:	Mud Rotary	DATUM:	NAVD88



NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<p>PROJECT: FWEC/Church Road TCE Site</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-01S-1</p> <p>ELEVATION (FT): 1582.148</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Eichelbergers</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-01S-1</p> <p>WELL LOCATION (STATION) ID: RMW-01S-1</p> <p>DATE COMPLETED: 08/28/12</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2483328.833</p> <p>Y COORDINATE: 355569.013</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

GROUND SURFACE

NOT TO SCALE

Elevation of Top of Surface Casing	1582.555	
Type of Surface Plug	concrete	
Depth of Surface Plug (bgs in feet)	1	
Diameter of Surface Plug (Ft)	2	
Riser Pipe		
Elevation of Top of Riser Pipe	1582.148	
Depth of Top of Riser Pipe (bgs in feet)	0.407	
I.D. of Surface Casing (Inches)	6	
Type of Surface Casing	steel	
Depth of Surface Casing (Ft)	1	
I.D. of Riser (Inches)		2
Type of Riser	PVC sch 40	
Borehole Diameter (Inches)		6
Type of Backfill	bent-cement grout	
Backfill - Tremied (Y or N)	Y	
Depth of Top of Seal (Ft)	33	
Elevation of Top of Seal	1549.555	
Type of Seal:	bentonite-pellets	
Seal - Tremied (Y or N)	Y	
Depth of Top of Filter Pack (Ft)	35	
Depth of Top of Screen (Ft)	37	
Elevation of Top of Screen	1545.555	
Type of Screen:	PVC sch 40	
I.D. of Screen (Inches)	2	
Slot Size of Screen (Inches)	0.01	
Length of Screen (Ft)	10	
Type of Filter Pack:	sand pack	
Filter Pack - Tremied (Y or N)	Y	
Well Construction Remarks:		
Depth of Bottom of Screen (Ft)	47	
Depth of Bottom of Filter Pack (Ft)	47	
Elevation of Bottom of Filter Pack	1535.555	
Type of Backfill Below Filter Pack	sand pack	
Depth of Hole (Ft)	47	
Elevation of Hole	1535.555	

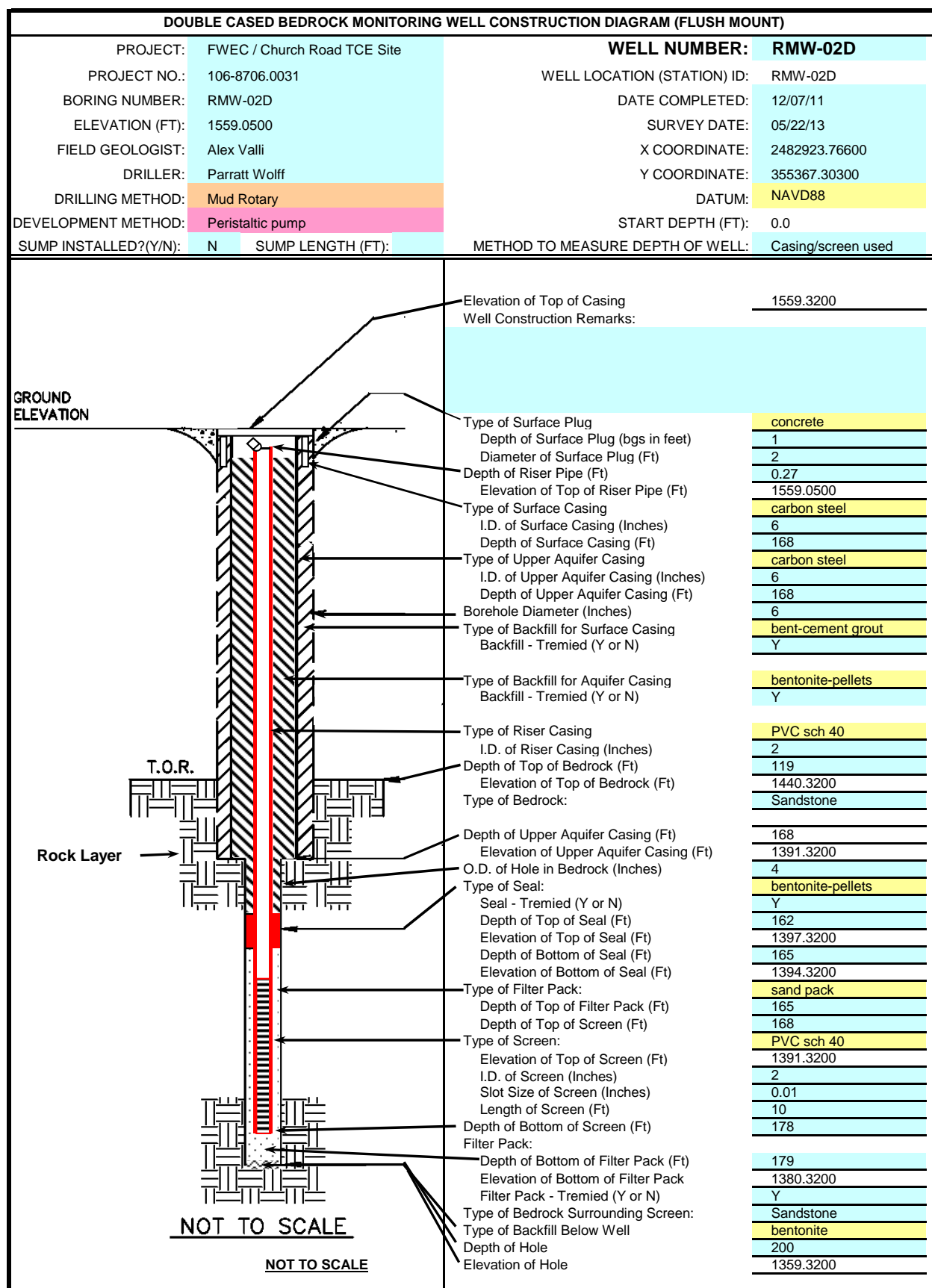
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<p>PROJECT: FWEC / Church Road TCE Site</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-01S-2</p> <p>ELEVATION (FT): 1581.734</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Eichelbergers</p> <p>DRILLING METHOD: Mud Rotary</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-01S-2</p> <p>WELL LOCATION (STATION) ID: RMW-01S-2</p> <p>DATE COMPLETED: 08/23/12</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2483326.762</p> <p>Y COORDINATE: 355561.675</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

Elevation of Top of Surface Casing	1582.167
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1581.734
Depth of Top of Riser Pipe (bgs in feet)	0.433
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	1
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	98
Elevation of Top of Seal	1484.167
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	101.5
Depth of Top of Screen (Ft)	105
Elevation of Top of Screen	1477.167
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	115
Depth of Bottom of Filter Pack (Ft)	115
Elevation of Bottom of Filter Pack	1467.167
Type of Backfill Below Filter Pack	bentonite
Depth of Hole (Ft)	140
Elevation of Hole	1442.167

NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-02S-1</p> <p>ELEVATION (FT): 1559.1280</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Cushing</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-02S-1</p> <p>WELL LOCATION (STATION) ID: RMW-02S-1</p> <p>DATE COMPLETED: 07/01/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2482919.90200</p> <p>Y COORDINATE: 355360.88300</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

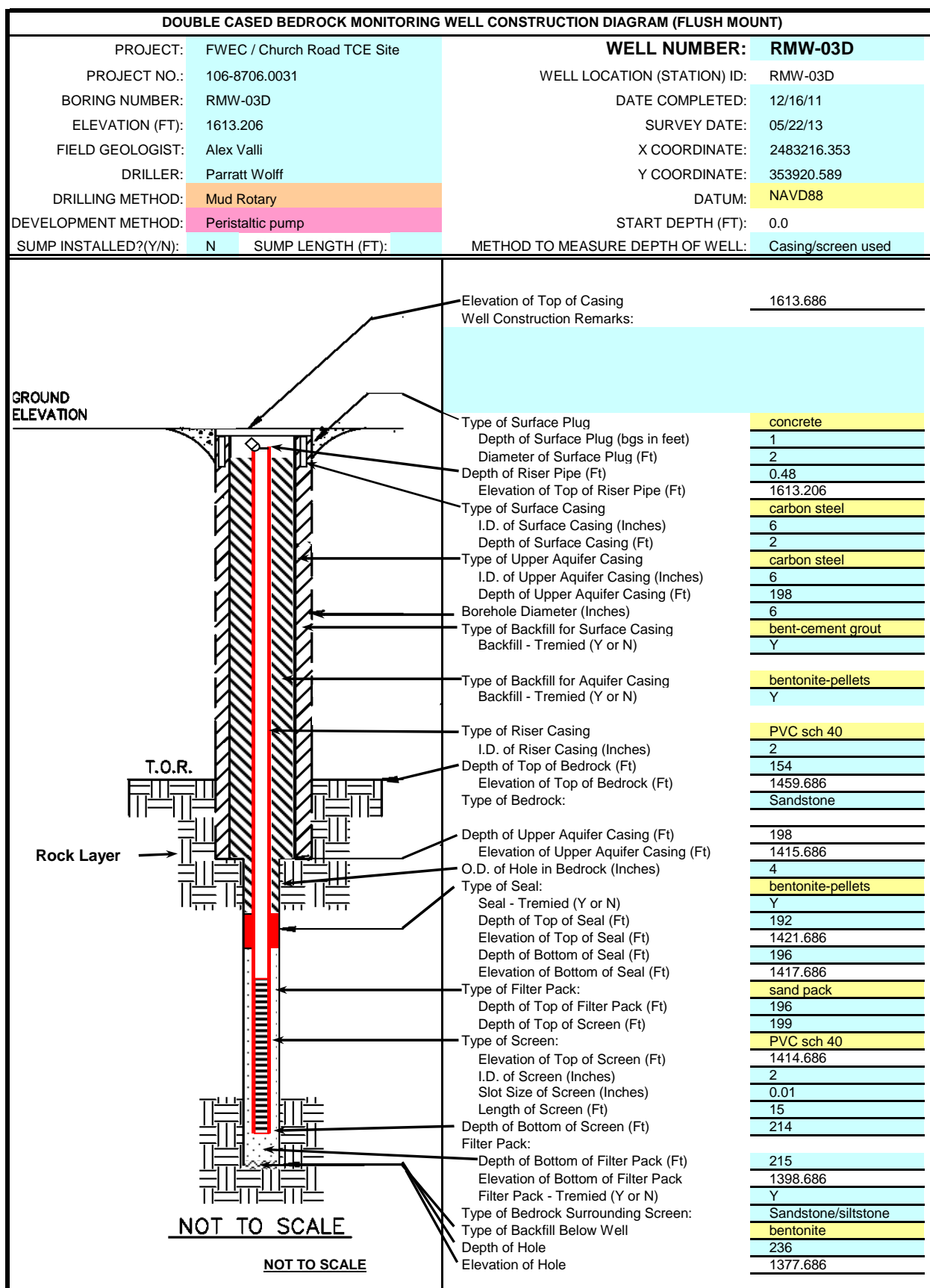
Elevation of Top of Surface Casing	1559.5430
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	0
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1559.1280
Depth of Top of Riser Pipe (bgs in feet)	0.415
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	1
I.D. of Riser (Inches)	
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	39
Elevation of Top of Seal	1520.5430
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	41
Depth of Top of Screen (Ft)	43
Elevation of Top of Screen	1516.5430
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	5
Type of Filter Pack:	
Filter Pack - Tremied (Y or N)	sand pack
Well Construction Remarks:	
Staining at 15 ft bgs	
Depth of Bottom of Screen (Ft)	48
Depth of Bottom of Filter Pack (Ft)	48
Elevation of Bottom of Filter Pack	1511.5430
Type of Backfill Below Filter Pack	unknown
Depth of Hole (Ft)	48
Elevation of Hole	1511.5430

NOT TO SCALE

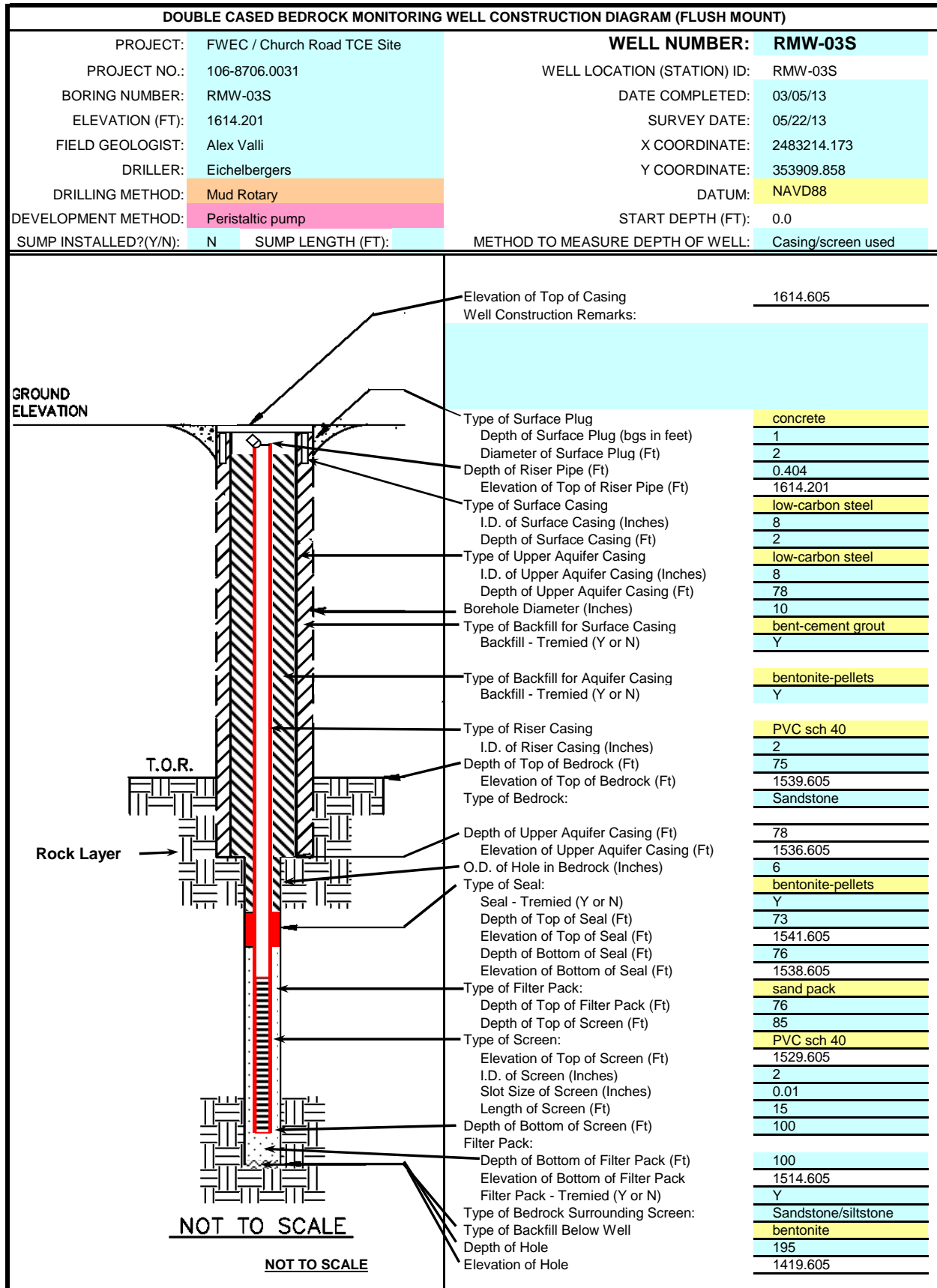
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)																																																																								
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-02S-2</p> <p>ELEVATION (FT): 1559.1080</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-02S-2</p> <p>WELL LOCATION (STATION) ID: RMW-02S-2</p> <p>DATE COMPLETED: 07/06/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2482916.17500</p> <p>Y COORDINATE: 355364.58900</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p> </div> </div>																																																																								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Elevation of Top of Surface Casing</td><td style="text-align: right;">1559.4380</td></tr> <tr><td>Type of Surface Plug</td><td style="text-align: right;">concrete</td></tr> <tr><td>Depth of Surface Plug (bgs in feet)</td><td style="text-align: right;">0</td></tr> <tr><td>Diameter of Surface Plug (Ft)</td><td style="text-align: right;">2</td></tr> <tr><td>Riser Pipe</td><td></td></tr> <tr><td>Elevation of Top of Riser Pipe</td><td style="text-align: right;">1559.1080</td></tr> <tr><td>Depth of Top of Riser Pipe (bgs in feet)</td><td style="text-align: right;">0.33</td></tr> <tr><td>I.D. of Surface Casing (Inches)</td><td style="text-align: right;">6</td></tr> <tr><td>Type of Surface Casing</td><td style="text-align: right;">steel</td></tr> <tr><td>Depth of Surface Casing (Ft)</td><td style="text-align: right;">1</td></tr> <tr><td>I.D. of Riser (Inches)</td><td style="text-align: right;">2</td></tr> <tr><td>Type of Riser</td><td style="text-align: right;">stainless steel 304</td></tr> <tr><td>Borehole Diameter (Inches)</td><td style="text-align: right;">6</td></tr> <tr><td>Type of Backfill</td><td style="text-align: right;">bent-cement grout</td></tr> <tr><td>Backfill - Tremied (Y or N)</td><td style="text-align: right;">Y</td></tr> <tr><td>Depth of Top of Seal (Ft)</td><td style="text-align: right;">56</td></tr> <tr><td>Elevation of Top of Seal</td><td style="text-align: right;">1503.4380</td></tr> <tr><td>Type of Seal:</td><td style="text-align: right;">bentonite-pellets</td></tr> <tr><td>Seal - Tremied (Y or N)</td><td style="text-align: right;">Y</td></tr> <tr><td>Depth of Top of Filter Pack (Ft)</td><td style="text-align: right;">58</td></tr> <tr><td>Depth of Top of Screen (Ft)</td><td style="text-align: right;">60</td></tr> <tr><td>Elevation of Top of Screen</td><td style="text-align: right;">1499.4380</td></tr> <tr><td>Type of Screen:</td><td style="text-align: right;">PVC sch 40</td></tr> <tr><td>I.D. of Screen (Inches)</td><td style="text-align: right;">2</td></tr> <tr><td>Slot Size of Screen (Inches)</td><td style="text-align: right;">0.01</td></tr> <tr><td>Length of Screen (Ft)</td><td style="text-align: right;">10</td></tr> <tr><td>Type of Filter Pack:</td><td style="text-align: right;">sand pack</td></tr> <tr><td>Filter Pack - Tremied (Y or N)</td><td></td></tr> <tr><td>Well Construction Remarks:</td><td></td></tr> <tr><td>Depth of Bottom of Screen (Ft)</td><td style="text-align: right;">70</td></tr> <tr><td>Depth of Bottom of Filter Pack (Ft)</td><td style="text-align: right;">70</td></tr> <tr><td>Elevation of Bottom of Filter Pack</td><td style="text-align: right;">1489.4380</td></tr> <tr><td>Type of Backfill Below Filter Pack</td><td style="text-align: right;">sand pack</td></tr> <tr><td>Depth of Hole (Ft)</td><td style="text-align: right;">112</td></tr> <tr><td>Elevation of Hole</td><td style="text-align: right;">1447.4380</td></tr> </table>	Elevation of Top of Surface Casing	1559.4380	Type of Surface Plug	concrete	Depth of Surface Plug (bgs in feet)	0	Diameter of Surface Plug (Ft)	2	Riser Pipe		Elevation of Top of Riser Pipe	1559.1080	Depth of Top of Riser Pipe (bgs in feet)	0.33	I.D. of Surface Casing (Inches)	6	Type of Surface Casing	steel	Depth of Surface Casing (Ft)	1	I.D. of Riser (Inches)	2	Type of Riser	stainless steel 304	Borehole Diameter (Inches)	6	Type of Backfill	bent-cement grout	Backfill - Tremied (Y or N)	Y	Depth of Top of Seal (Ft)	56	Elevation of Top of Seal	1503.4380	Type of Seal:	bentonite-pellets	Seal - Tremied (Y or N)	Y	Depth of Top of Filter Pack (Ft)	58	Depth of Top of Screen (Ft)	60	Elevation of Top of Screen	1499.4380	Type of Screen:	PVC sch 40	I.D. of Screen (Inches)	2	Slot Size of Screen (Inches)	0.01	Length of Screen (Ft)	10	Type of Filter Pack:	sand pack	Filter Pack - Tremied (Y or N)		Well Construction Remarks:		Depth of Bottom of Screen (Ft)	70	Depth of Bottom of Filter Pack (Ft)	70	Elevation of Bottom of Filter Pack	1489.4380	Type of Backfill Below Filter Pack	sand pack	Depth of Hole (Ft)	112	Elevation of Hole	1447.4380
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MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

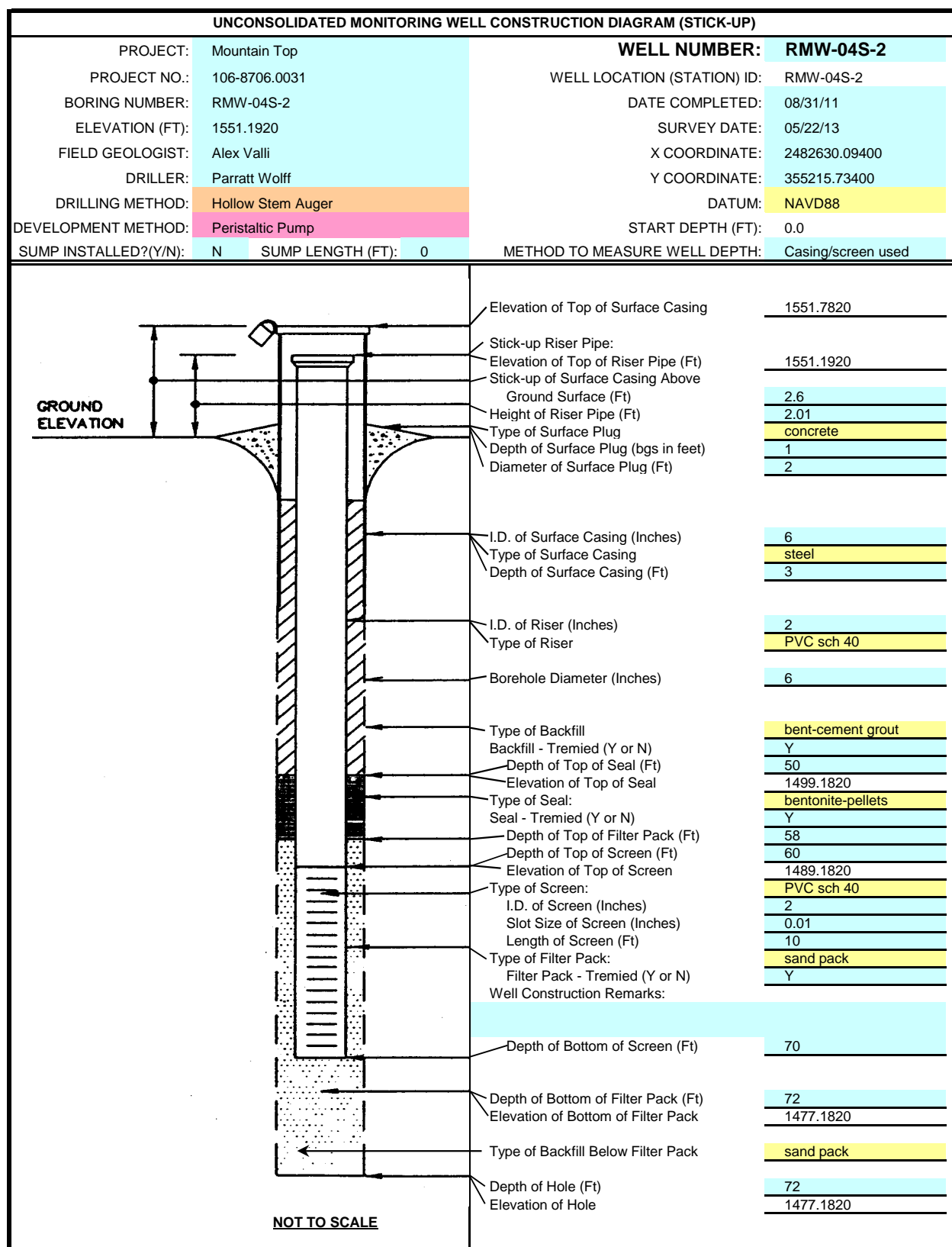


MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)																																																																									
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-04S-1</p> <p>ELEVATION (FT): 1551.9700</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p> </div> <div> <p>WELL NUMBER: RMW-04S-1</p> <p>WELL LOCATION (STATION) ID: RMW-04S-1</p> <p>DATE COMPLETED: 05/18/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2482643.71200</p> <p>Y COORDINATE: 355213.09100</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p> </div> </div>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td>Elevation of Top of Surface Casing</td> <td style="text-align: right;">1552.1300</td> </tr> <tr> <td>Stick-up Riser Pipe:</td> <td></td> </tr> <tr> <td>Elevation of Top of Riser Pipe (Ft)</td> <td style="text-align: right;">1551.9700</td> </tr> <tr> <td>Stick-up of Surface Casing Above Ground Surface (Ft)</td> <td style="text-align: right;">2.61</td> </tr> <tr> <td>Height of Riser Pipe (Ft)</td> <td style="text-align: right;">2.45</td> </tr> <tr> <td>Type of Surface Plug</td> <td style="text-align: right;">concrete</td> </tr> <tr> <td>Depth of Surface Plug (bgs in feet)</td> <td style="text-align: right;">1</td> </tr> <tr> <td>Diameter of Surface Plug (Ft)</td> <td style="text-align: right;">2</td> </tr> <tr> <td>I.D. of Surface Casing (Inches)</td> <td style="text-align: right;">6</td> </tr> <tr> <td>Type of Surface Casing</td> <td style="text-align: right;">steel</td> </tr> <tr> <td>Depth of Surface Casing (Ft)</td> <td style="text-align: right;">3</td> </tr> <tr> <td>I.D. of Riser (Inches)</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Type of Riser</td> <td style="text-align: right;">PVC sch 40</td> </tr> <tr> <td>Borehole Diameter (Inches)</td> <td style="text-align: right;">6</td> </tr> <tr> <td>Type of Backfill</td> <td style="text-align: right;">bent-cement grout</td> </tr> <tr> <td>Backfill - Tremied (Y or N)</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>Depth of Top of Seal (Ft)</td> <td style="text-align: right;">31</td> </tr> <tr> <td>Elevation of Top of Seal</td> <td style="text-align: right;">1518.5200</td> </tr> <tr> <td>Type of Seal:</td> <td></td> </tr> <tr> <td>Seal - Tremied (Y or N)</td> <td style="text-align: right;">Y</td> </tr> <tr> <td>Depth of Top of Filter Pack (Ft)</td> <td style="text-align: right;">33</td> </tr> <tr> <td>Depth of Top of Screen (Ft)</td> <td style="text-align: right;">35</td> </tr> <tr> <td>Elevation of Top of Screen</td> <td style="text-align: right;">1514.5200</td> </tr> <tr> <td>Type of Screen:</td> <td></td> </tr> <tr> <td>I.D. of Screen (Inches)</td> <td style="text-align: right;">2</td> </tr> <tr> <td>Slot Size of Screen (Inches)</td> <td style="text-align: right;">0.01</td> </tr> <tr> <td>Length of Screen (Ft)</td> <td style="text-align: right;">10</td> </tr> <tr> <td>Type of Filter Pack:</td> <td></td> </tr> <tr> <td>Filter Pack - Tremied (Y or N)</td> <td style="text-align: right;">Y</td> </tr> <tr> <td colspan="2">Well Construction Remarks:</td> </tr> <tr> <td>Depth of Bottom of Screen (Ft)</td> <td style="text-align: right;">45</td> </tr> <tr> <td>Depth of Bottom of Filter Pack (Ft)</td> <td style="text-align: right;">45</td> </tr> <tr> <td>Elevation of Bottom of Filter Pack</td> <td style="text-align: right;">1504.5200</td> </tr> <tr> <td>Type of Backfill Below Filter Pack</td> <td style="text-align: right;">sand pack</td> </tr> <tr> <td>Depth of Hole (Ft)</td> <td style="text-align: right;">45</td> </tr> <tr> <td>Elevation of Hole</td> <td style="text-align: right;">1504.5200</td> </tr> </table>	Elevation of Top of Surface Casing	1552.1300	Stick-up Riser Pipe:		Elevation of Top of Riser Pipe (Ft)	1551.9700	Stick-up of Surface Casing Above Ground Surface (Ft)	2.61	Height of Riser Pipe (Ft)	2.45	Type of Surface Plug	concrete	Depth of Surface Plug (bgs in feet)	1	Diameter of Surface Plug (Ft)	2	I.D. of Surface Casing (Inches)	6	Type of Surface Casing	steel	Depth of Surface Casing (Ft)	3	I.D. of Riser (Inches)	2	Type of Riser	PVC sch 40	Borehole Diameter (Inches)	6	Type of Backfill	bent-cement grout	Backfill - Tremied (Y or N)	Y	Depth of Top of Seal (Ft)	31	Elevation of Top of Seal	1518.5200	Type of Seal:		Seal - Tremied (Y or N)	Y	Depth of Top of Filter Pack (Ft)	33	Depth of Top of Screen (Ft)	35	Elevation of Top of Screen	1514.5200	Type of Screen:		I.D. of Screen (Inches)	2	Slot Size of Screen (Inches)	0.01	Length of Screen (Ft)	10	Type of Filter Pack:		Filter Pack - Tremied (Y or N)	Y	Well Construction Remarks:		Depth of Bottom of Screen (Ft)	45	Depth of Bottom of Filter Pack (Ft)	45	Elevation of Bottom of Filter Pack	1504.5200	Type of Backfill Below Filter Pack	sand pack	Depth of Hole (Ft)	45	Elevation of Hole	1504.5200
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NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)			
PROJECT:	Mountain Top	WELL NUMBER:	RMW-04S-3
PROJECT NO.:	106-8706.0031	WELL LOCATION (STATION) ID:	RMW-04S-3
BORING NUMBER:	RMW-04S-3	DATE COMPLETED:	08/16/12
ELEVATION (FT):	1550.9780	SURVEY DATE:	05/22/13
FIELD GEOLOGIST:	Alex Valli	X COORDINATE:	2482619.38600
DRILLER:	Eichelbergers	Y COORDINATE:	355216.91400
DRILLING METHOD:	Hollow Stem Auger	DATUM:	NAVD88
DEVELOPMENT METHOD:	Submersible Pump	START DEPTH (FT):	0.0
SUMP INSTALLED?(Y/N):	N	SUMP LENGTH (FT):	0
		METHOD TO MEASURE WELL DEPTH:	Casing/screen used

Elevation of Top of Surface Casing	1551.4840
Stick-up Riser Pipe:	
Elevation of Top of Riser Pipe (Ft)	1550.9780
Stick-up of Surface Casing Above Ground Surface (Ft)	2.211
Height of Riser Pipe (Ft)	1.705
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	3
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	120
Elevation of Top of Seal	1429.2730
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	123
Depth of Top of Screen (Ft)	125
Elevation of Top of Screen	1424.2730
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	135
Depth of Bottom of Filter Pack (Ft)	135
Elevation of Bottom of Filter Pack	1414.2730
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	143
Elevation of Hole	1406.2730

NOT TO SCALE

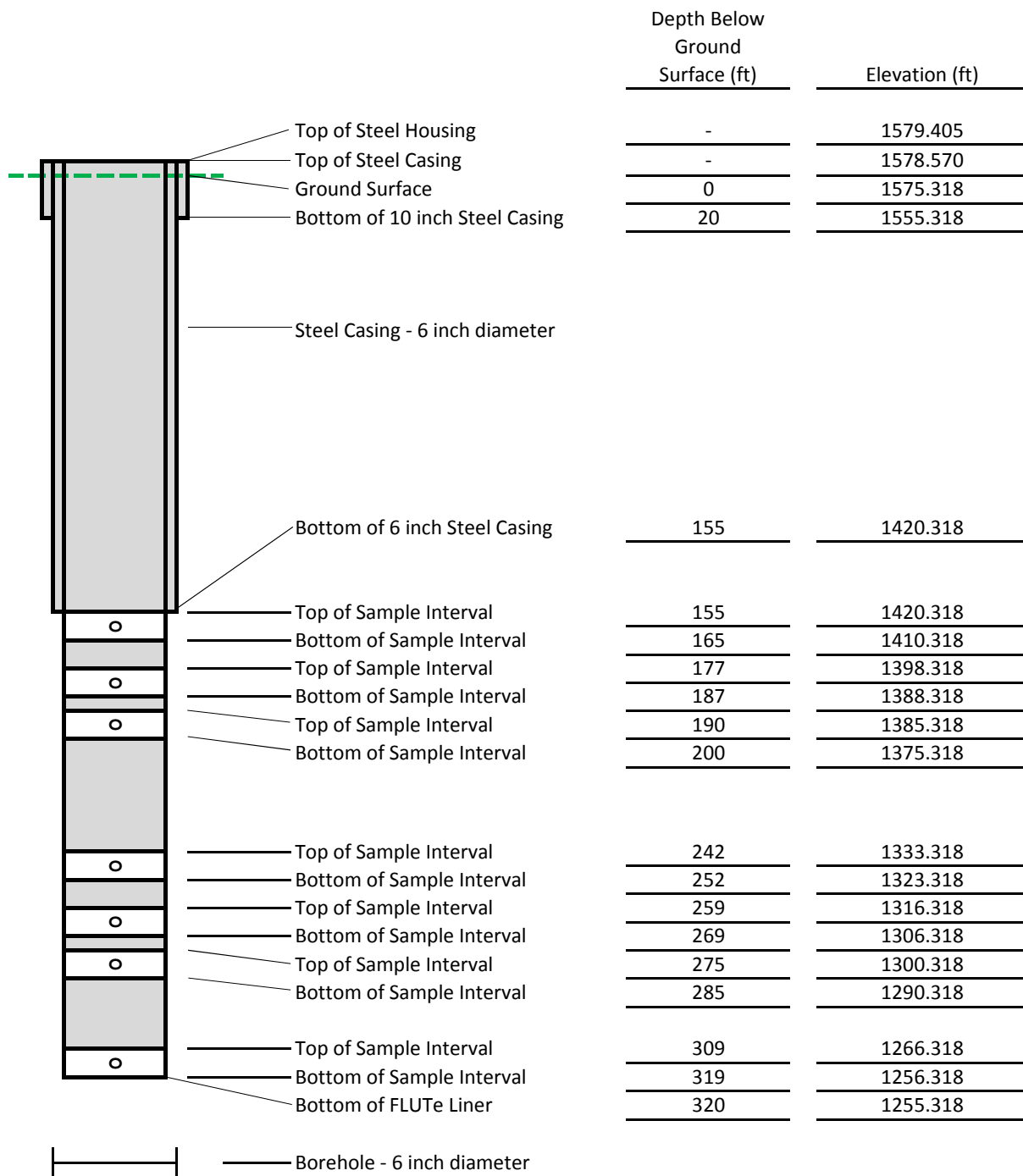
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-05S</p> <p>ELEVATION (FT): 1559.9540</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-05S</p> <p>WELL LOCATION (STATION) ID: RMW-05S</p> <p>DATE COMPLETED: 05/05/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2481953.94400</p> <p>Y COORDINATE: 355188.38000</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

Elevation of Top of Surface Casing	1560.2990
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1559.9540
Depth of Top of Riser Pipe (bgs in feet)	0.345
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	5
I.D. of Riser (Inches)	
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	
	6
Type of Backfill	
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	105
Elevation of Top of Seal	1455.2990
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	107
Depth of Top of Screen (Ft)	
	109
Elevation of Top of Screen	1451.2990
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	119
Depth of Bottom of Filter Pack (Ft)	119
Elevation of Bottom of Filter Pack	1441.2990
Type of Backfill Below Filter Pack	
	unknown
Depth of Hole (Ft)	
	119
Elevation of Hole	1441.2990

NOT TO SCALE

FLUTe MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP WITH HOUSING)			
PROJECT:	FWEC/Church Road TCE Site	WELL NUMBER:	RMW-06D
PROJECT NO.:	106-8706.0031	WELL LOCATION (STATION) ID:	RMW-06D
BORING NUMBER:	RMW-06D	DATE COMPLETED:	12/18/12
ELEVATION (FT):	1578.57	SURVEY DATE:	05/21/13
FIELD GEOLOGIST:	Alex Valli	X COORDINATE:	2482465.934
DRILLER:	Eichelbergers	Y COORDINATE:	354684.722
DRILLING METHOD:	Mud Rotary	DATUM:	NAVD88



NOT TO SCALE

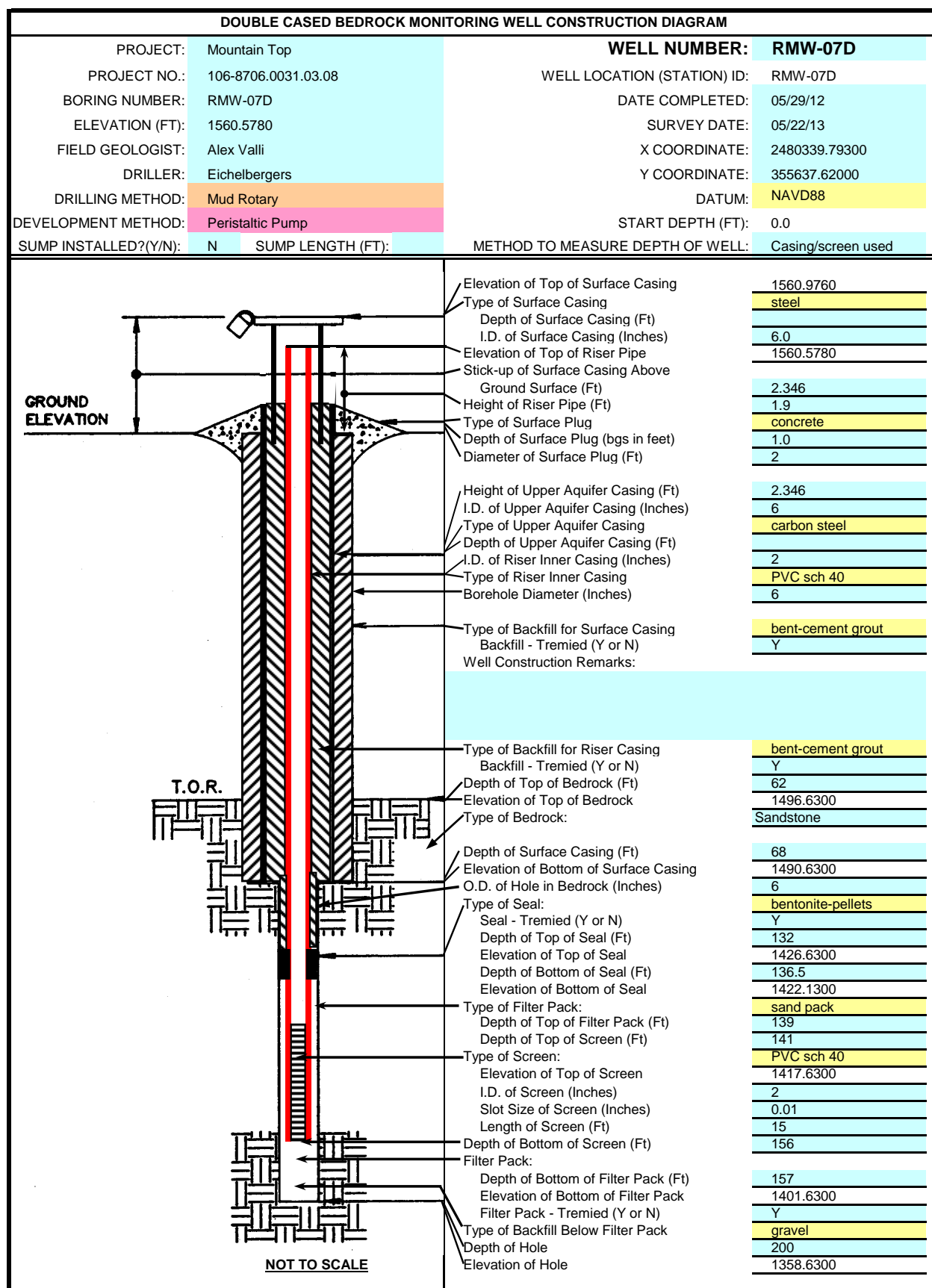
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)			
PROJECT: Mountain Top PROJECT NO.: 106-8706.0031 BORING NUMBER: RMW-06S ELEVATION (FT): 1577.7160 FIELD GEOLOGIST: Alex Valli DRILLER: Parratt Wolff DRILLING METHOD: Hollow Stem Auger DEVELOPMENT METHOD: Peristaltic Pump SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0	WELL NUMBER: RMW-06S WELL LOCATION (STATION) ID: RMW-06S DATE COMPLETED: 05/16/11 SURVEY DATE: 05/22/13 X COORDINATE: 2482457.33700 Y COORDINATE: 354671.14500 DATUM: NAVD88 START DEPTH (FT): 0.0 METHOD TO MEASURE WELL DEPTH: Casing/screen used		

Elevation of Top of Surface Casing	1577.8910
Stick-up Riser Pipe:	
Elevation of Top of Riser Pipe (Ft)	1577.7160
Stick-up of Surface Casing Above Ground Surface (Ft)	2.635
Height of Riser Pipe (Ft)	2.46
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	3
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	106
Elevation of Top of Seal	1469.2560
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	108
Depth of Top of Screen (Ft)	110
Elevation of Top of Screen	1465.2560
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	120
Depth of Bottom of Filter Pack (Ft)	120
Elevation of Bottom of Filter Pack	1455.2560
Type of Backfill Below Filter Pack	unknown
Depth of Hole (Ft)	135
Elevation of Hole	1440.2560

NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM



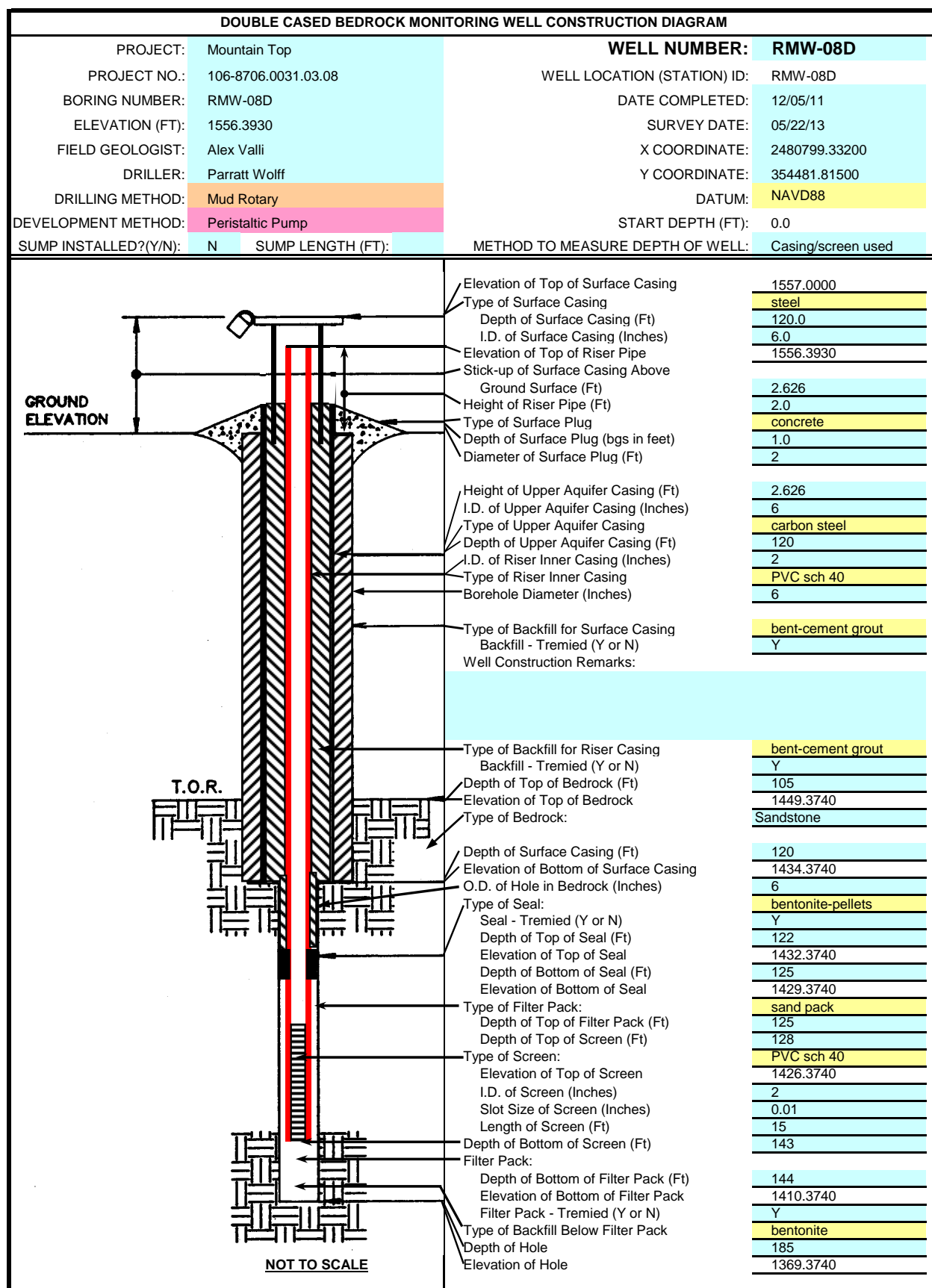
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-07S</p> <p>ELEVATION (FT): 1559.6250</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Eichelbergers</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-07S</p> <p>WELL LOCATION (STATION) ID: RMW-07S</p> <p>DATE COMPLETED: 02/28/12</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2480332.10900</p> <p>Y COORDINATE: 355631.09900</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>SUMP LENGTH (FT): 0</p> </div> </div>	<p style="text-align: center;">METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

Elevation of Top of Surface Casing	1559.9190
Stick-up Riser Pipe:	
Elevation of Top of Riser Pipe (Ft)	1559.6250
Stick-up of Surface Casing Above Ground Surface (Ft)	1.441
Height of Riser Pipe (Ft)	1.147
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	4
I.D. of Riser (Inches)	2
Type of Riser	stainless steel 304
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	36
Elevation of Top of Seal	1522.4780
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	38
Depth of Top of Screen (Ft)	40
Elevation of Top of Screen	1518.4780
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	50
Depth of Bottom of Filter Pack (Ft)	50
Elevation of Bottom of Filter Pack	1508.4780
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	65
Elevation of Hole	1493.4780

NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM



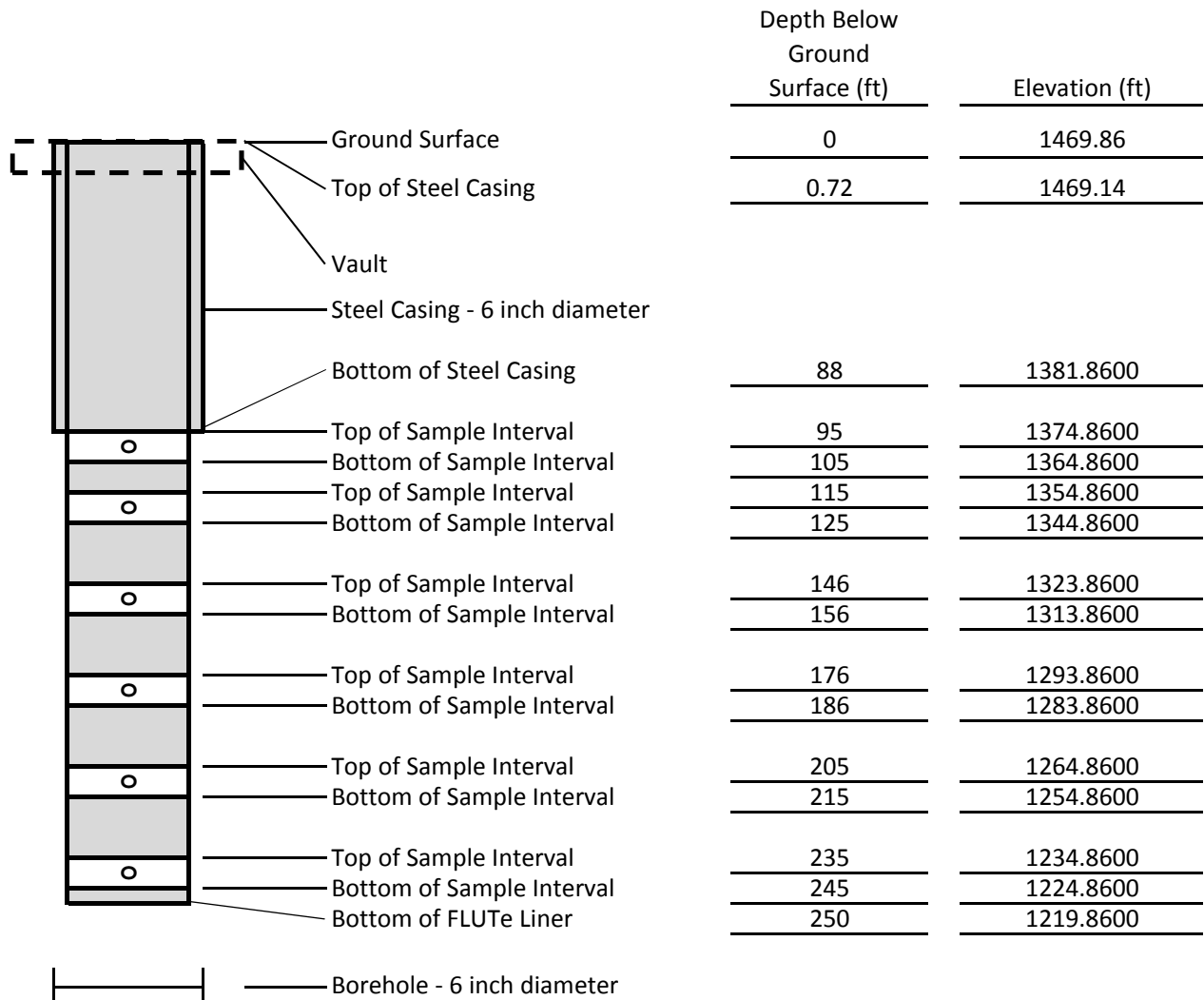
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)			
<p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-08S</p> <p>ELEVATION (FT): 1557.2060</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parrat Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-08S</p> <p>WELL LOCATION (STATION) ID: RMW-08S</p> <p>DATE COMPLETED: 06/13/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2480790.77200</p> <p>Y COORDINATE: 354481.90800</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

Elevation of Top of Surface Casing	1557.6010
Stick-up Riser Pipe:	
Elevation of Top of Riser Pipe (Ft)	1557.2060
Stick-up of Surface Casing Above Ground Surface (Ft)	2.931
Height of Riser Pipe (Ft)	2.536
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	3
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	66
Elevation of Top of Seal	1488.6700
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	68
Depth of Top of Screen (Ft)	70
Elevation of Top of Screen	1484.6700
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	80
Depth of Bottom of Filter Pack (Ft)	80
Elevation of Bottom of Filter Pack	1474.6700
Type of Backfill Below Filter Pack	natural formation
Depth of Hole (Ft)	105
Elevation of Hole	1449.6700

NOT TO SCALE

FLUTe MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
PROJECT:	FWEC/Church Road TCE Site	WELL NUMBER:	RMW-09D
PROJECT NO.:	106-8706.0031	WELL LOCATION (STATION) ID:	RMW-09D
BORING NUMBER:	RMW-09D	DATE COMPLETED:	04/05/13
ELEVATION (FT):	1469.14	SURVEY DATE:	05/22/13
FIELD GEOLOGIST:	Alex Valli	X COORDINATE:	2479274.453
DRILLER:	Parratt Wolff	Y COORDINATE:	353590.618
DRILLING METHOD:	Mud Rotary	DATUM:	NAVD88



NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-09S-1</p> <p>ELEVATION (FT): 1470.0990</p> <p>FIELD GEOLOGIST: Alex Vali</p> <p>DRILLER: Cushing</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p>	<p>WELL NUMBER: RMW-09S-1</p> <p>WELL LOCATION (STATION) ID: RMW-09S-1</p> <p>DATE COMPLETED: 07/19/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2479259.79300</p> <p>Y COORDINATE: 353586.39300</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

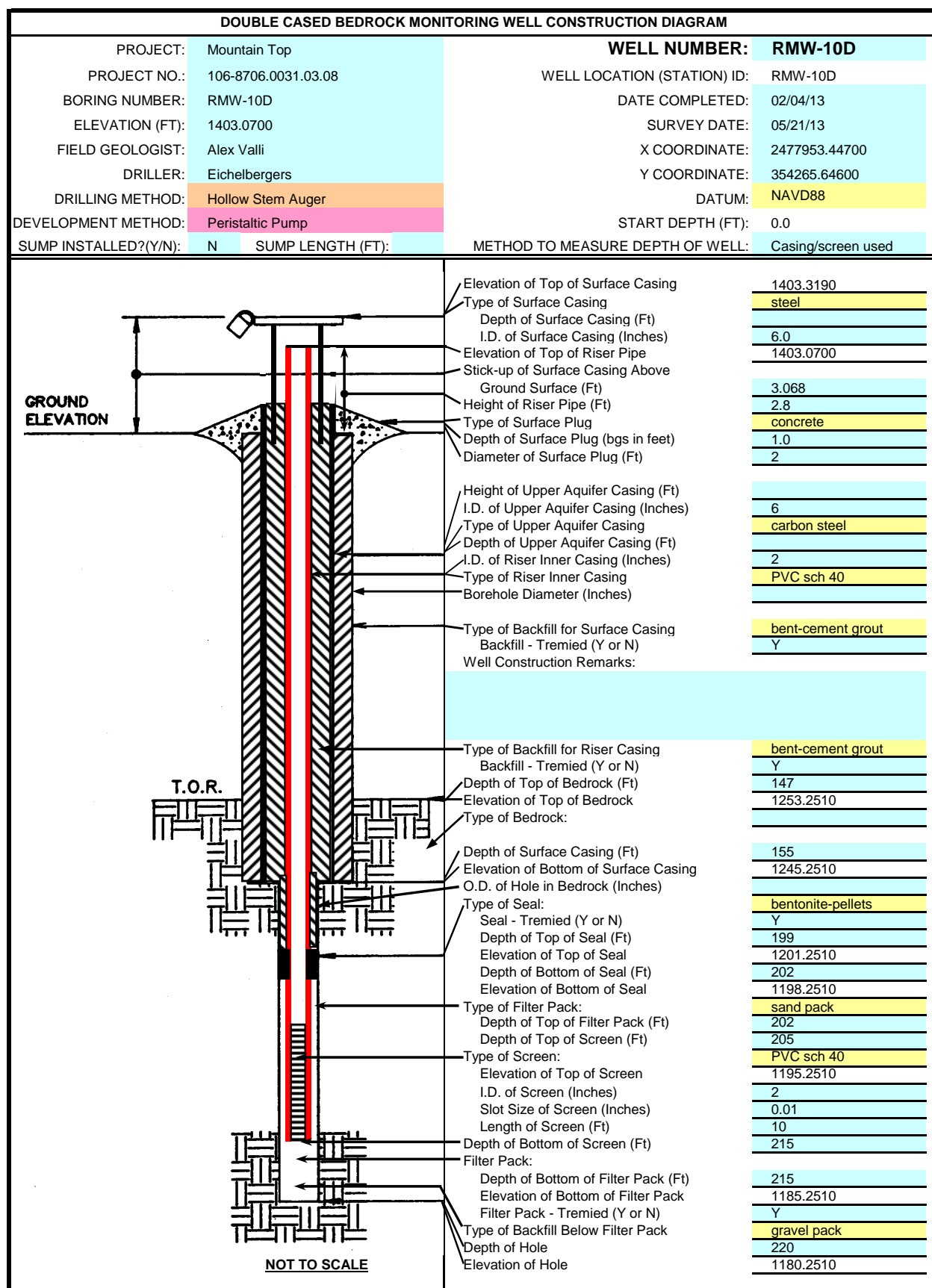
NOT TO SCALE

Elevation of Top of Surface Casing	1470.2100
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1470.0990
Depth of Top of Riser Pipe (bgs in feet)	0.111
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	5
I.D. of Riser (Inches)	2
Type of Riser	stainless steel 304
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	36
Elevation of Top of Seal	1434.2100
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	38
Depth of Top of Screen (Ft)	40
Elevation of Top of Screen	1430.2100
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	15
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	55
Depth of Bottom of Filter Pack (Ft)	55
Elevation of Bottom of Filter Pack	1415.2100
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	55
Elevation of Hole	1415.2100

MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-09S-2</p> <p>ELEVATION (FT): 1469.3600</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Cushing</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-09S-2</p> <p>WELL LOCATION (STATION) ID: RMW-09S-2</p> <p>DATE COMPLETED: 07/14/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2479274.375</p> <p>Y COORDINATE: 353585.112</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p> </div> </div>			
		<p>Elevation of Top of Surface Casing 1469.3600</p> <p>Type of Surface Plug concrete</p> <p>Depth of Surface Plug (bgs in feet) 0</p> <p>Diameter of Surface Plug (Ft) 2</p> <p>Riser Pipe</p> <p>Elevation of Top of Riser Pipe 1469.3600</p> <p>Depth of Top of Riser Pipe (bgs in feet) 0</p> <p>I.D. of Surface Casing (Inches) 6</p> <p>Type of Surface Casing steel</p> <p>Depth of Surface Casing (Ft)</p> <p>I.D. of Riser (Inches) 2</p> <p>Type of Riser PVC sch 40</p> <p>Borehole Diameter (Inches)</p> <p>Type of Backfill bent-cement grout</p> <p>Backfill - Tremied (Y or N) Y</p> <p>Depth of Top of Seal (Ft) 58</p> <p>Elevation of Top of Seal 1411.3600</p> <p>Type of Seal: bentonite-pellets</p> <p>Seal - Tremied (Y or N)</p> <p>Depth of Top of Filter Pack (Ft) 60</p> <p>Depth of Top of Screen (Ft) 62</p> <p>Elevation of Top of Screen 1407.3600</p> <p>Type of Screen: PVC sch 40</p> <p>I.D. of Screen (Inches) 2</p> <p>Slot Size of Screen (Inches) 0.01</p> <p>Length of Screen (Ft) 5</p> <p>Type of Filter Pack: sand pack</p> <p>Filter Pack - Tremied (Y or N)</p> <p>Well Construction Remarks:</p> <p>Depth of Bottom of Screen (Ft) 67</p> <p>Depth of Bottom of Filter Pack (Ft) 67</p> <p>Elevation of Bottom of Filter Pack 1402.3600</p> <p>Type of Backfill Below Filter Pack sand pack</p> <p>Depth of Hole (Ft) 67</p> <p>Elevation of Hole 1402.3600</p>	
<p>GROUND SURFACE</p>			
<p>NOT TO SCALE</p>			

MONITORING WELL CONSTRUCTION DIAGRAM



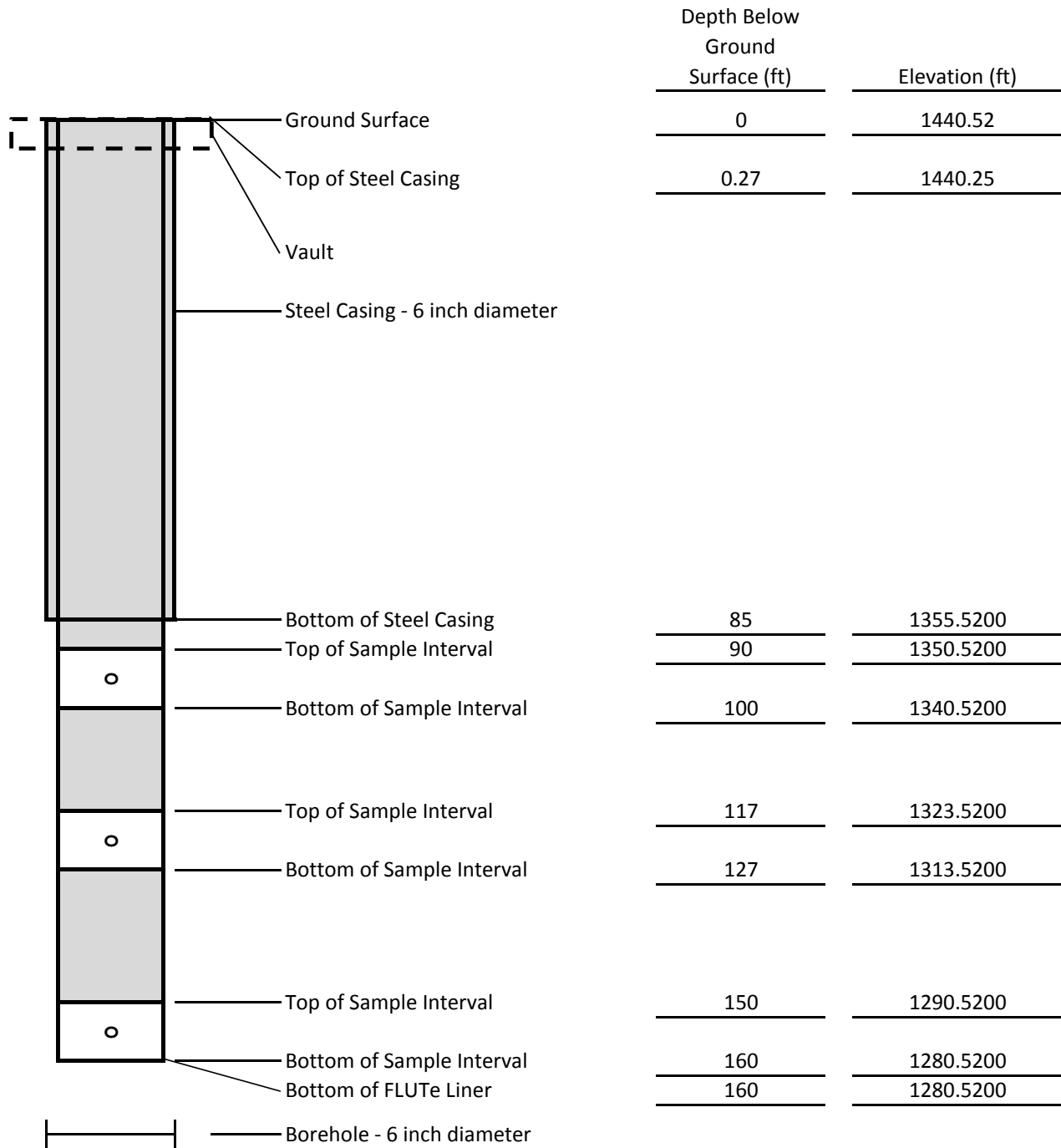
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (STICK-UP)			
PROJECT: Mountain Top PROJECT NO.: 106-8706.0031 BORING NUMBER: RMW-10S ELEVATION (FT): 1403.1670 FIELD GEOLOGIST: Alex Valli DRILLER: Eichelbergers DRILLING METHOD: Hollow Stem Auger DEVELOPMENT METHOD: Submersible Pump SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0	WELL NUMBER: RMW-10S WELL LOCATION (STATION) ID: RMW-10S DATE COMPLETED: 03/06/12 SURVEY DATE: 05/22/13 X COORDINATE: 2477960.23400 Y COORDINATE: 354257.99200 DATUM: NAVD88 START DEPTH (FT): 0.0 METHOD TO MEASURE WELL DEPTH: Casing/screen used		

Elevation of Top of Surface Casing	1403.7820
Stick-up Riser Pipe:	
Elevation of Top of Riser Pipe (Ft)	1403.1670
Stick-up of Surface Casing Above Ground Surface (Ft)	2.945
Height of Riser Pipe (Ft)	2.33
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	3
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	106
Elevation of Top of Seal	1294.8370
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	108
Depth of Top of Screen (Ft)	110
Elevation of Top of Screen	1290.8370
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	120
Depth of Bottom of Filter Pack (Ft)	120
Elevation of Bottom of Filter Pack	1280.8370
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	145
Elevation of Hole	1255.8370

NOT TO SCALE

FLUTe MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
PROJECT:	FWEC/Church Road TCE Site	WELL NUMBER:	RMW-11D
PROJECT NO.:	106-8706.0031	WELL LOCATION (STATION) ID:	RMW-11D
BORING NUMBER:	RMW-11D	DATE COMPLETED:	Dec - 2012
ELEVATION (FT):	1440.25	SURVEY DATE:	05/22/13
FIELD GEOLOGIST:	Alex Valli	X COORDINATE:	2477819.249
DRILLER:	Cushing and Sons	Y COORDINATE:	353215.903
DRILLING METHOD:	Mud Rotary	DATUM:	NAVD88



NOT TO SCALE

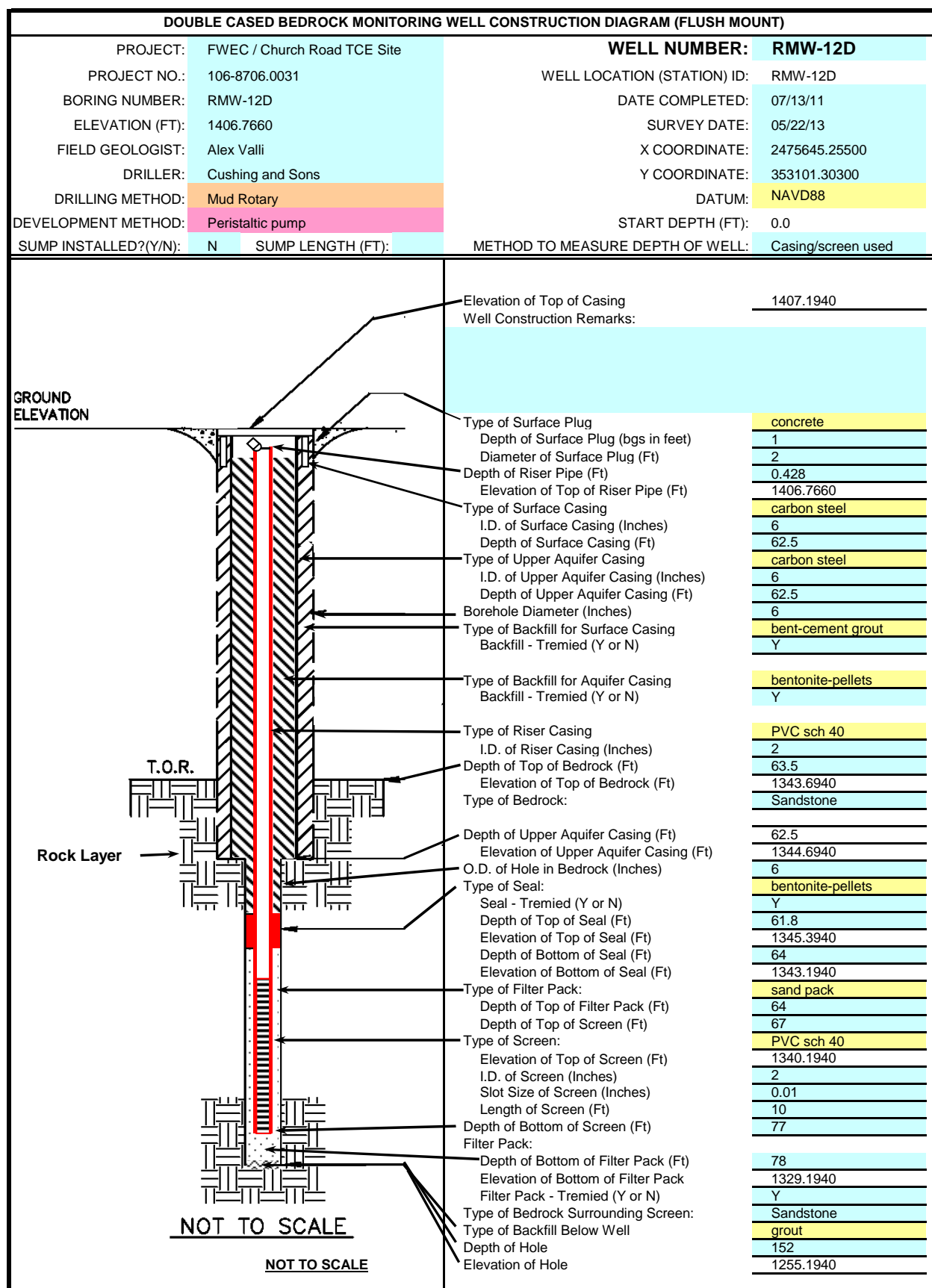
MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-11S</p> <p>ELEVATION (FT): 1440.1900</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-11S</p> <p>WELL LOCATION (STATION) ID: RMW-11S</p> <p>DATE COMPLETED: 06/28/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2477814.24500</p> <p>Y COORDINATE: 353211.17200</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>SUMP LENGTH (FT): 0</p> </div> </div>	<p style="text-align: center;">METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

Elevation of Top of Surface Casing	1440.6240
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	0
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1440.1900
Depth of Top of Riser Pipe (bgs in feet)	0.434
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	5
I.D. of Riser (Inches)	
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	56
Elevation of Top of Seal	1384.6240
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	
Depth of Top of Filter Pack (Ft)	58
Depth of Top of Screen (Ft)	60
Elevation of Top of Screen	1380.6240
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	
Filter Pack - Tremied (Y or N)	sand pack
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	70
Depth of Bottom of Filter Pack (Ft)	70
Elevation of Bottom of Filter Pack	1370.6240
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	80
Elevation of Hole	1360.6240

NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

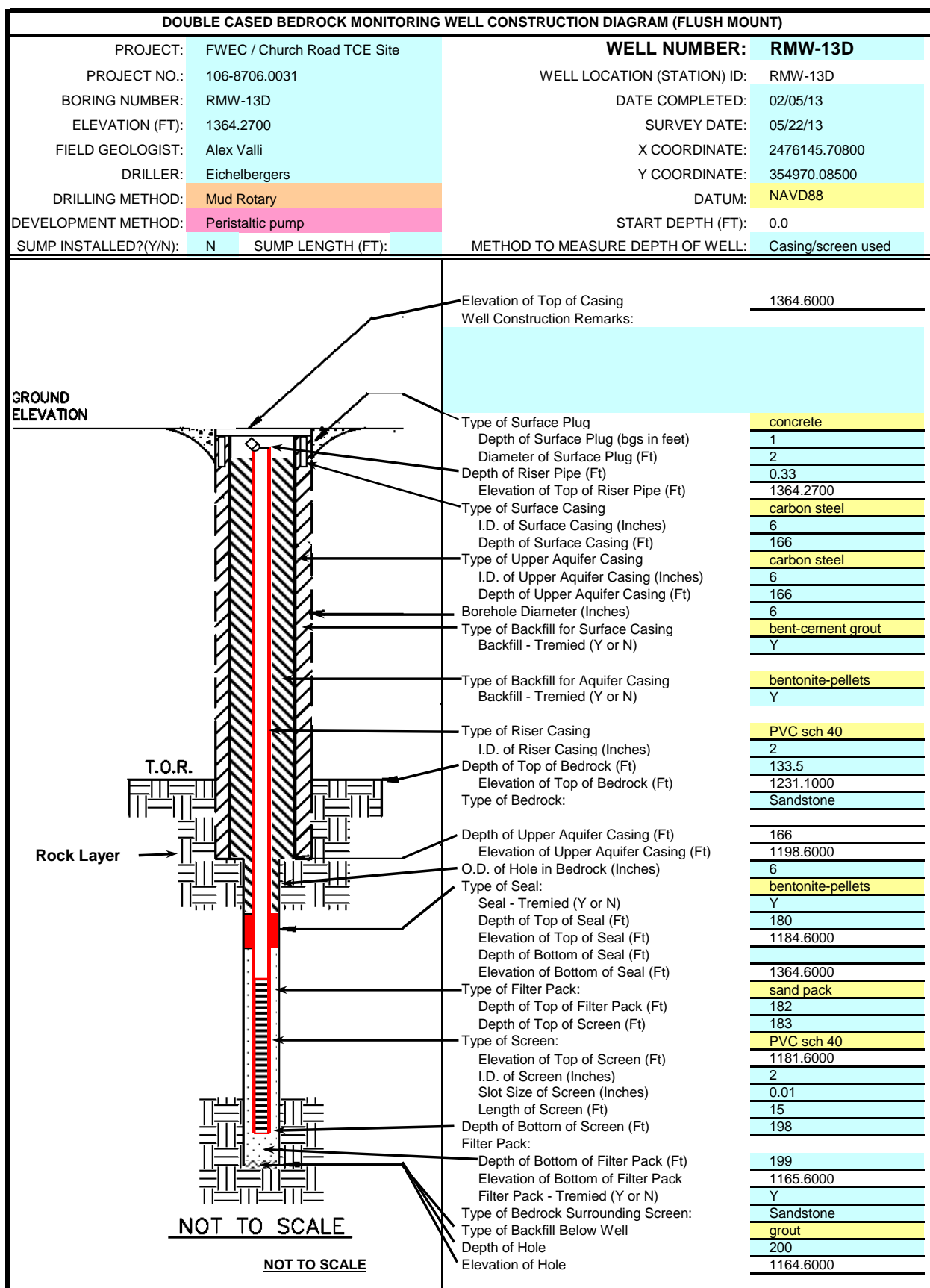
UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8707.0031</p> <p>BORING NUMBER: RMW-12S</p> <p>ELEVATION (FT): 1406.6250</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt-Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Peristaltic Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-12S</p> <p>WELL LOCATION (STATION) ID: RMW-12S</p> <p>DATE COMPLETED: 07/11/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2475633.08100</p> <p>Y COORDINATE: 353092.53300</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>SUMP LENGTH (FT): 0</p> </div> </div>	<p style="text-align: center;">METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

GROUND SURFACE

NOT TO SCALE

Elevation of Top of Surface Casing	1406.8320
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1406.6250
Depth of Top of Riser Pipe (bgs in feet)	0.207
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	5
I.D. of Riser (Inches)	2
Type of Riser	stainless steel 304
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	26
Elevation of Top of Seal	1380.8320
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	28
Depth of Top of Screen (Ft)	30
Elevation of Top of Screen	1376.8320
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	40
Depth of Bottom of Filter Pack (Ft)	40
Elevation of Bottom of Filter Pack	1366.8320
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	55
Elevation of Hole	1351.8320

MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-13S-1</p> <p>ELEVATION (FT): 1364.2160</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-13S-1</p> <p>WELL LOCATION (STATION) ID: RMW-13S-1</p> <p>DATE COMPLETED: 06/01/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2476148.28000</p> <p>Y COORDINATE: 354964.03600</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>SUMP LENGTH (FT): 0</p> </div> </div>	<p style="text-align: center;">METHOD TO MEASURE WELL DEPTH: Casing/screen used</p>		

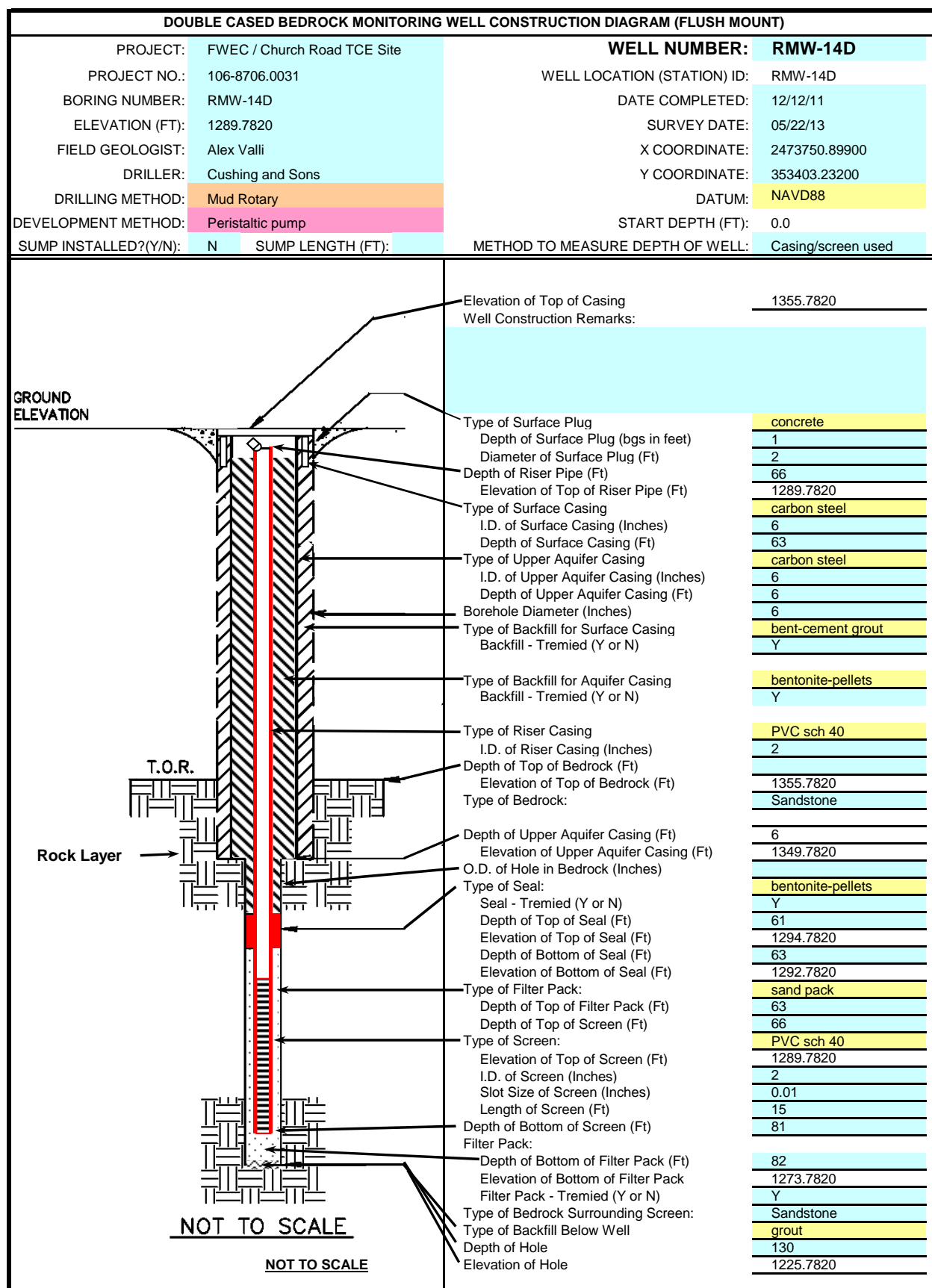
Elevation of Top of Surface Casing	1365.9070
Type of Surface Plug	concrete
Depth of Surface Plug (bgs in feet)	1
Diameter of Surface Plug (Ft)	2
Riser Pipe	
Elevation of Top of Riser Pipe	1364.2160
Depth of Top of Riser Pipe (bgs in feet)	1.691
I.D. of Surface Casing (Inches)	6
Type of Surface Casing	steel
Depth of Surface Casing (Ft)	3
I.D. of Riser (Inches)	2
Type of Riser	PVC sch 40
Borehole Diameter (Inches)	6
Type of Backfill	bent-cement grout
Backfill - Tremied (Y or N)	Y
Depth of Top of Seal (Ft)	41
Elevation of Top of Seal	1324.9070
Type of Seal:	bentonite-pellets
Seal - Tremied (Y or N)	Y
Depth of Top of Filter Pack (Ft)	43
Depth of Top of Screen (Ft)	45
Elevation of Top of Screen	1320.9070
Type of Screen:	PVC sch 40
I.D. of Screen (Inches)	2
Slot Size of Screen (Inches)	0.01
Length of Screen (Ft)	10
Type of Filter Pack:	sand pack
Filter Pack - Tremied (Y or N)	Y
Well Construction Remarks:	
Depth of Bottom of Screen (Ft)	55
Depth of Bottom of Filter Pack (Ft)	55
Elevation of Bottom of Filter Pack	1310.9070
Type of Backfill Below Filter Pack	sand pack
Depth of Hole (Ft)	55
Elevation of Hole	1310.9070

NOT TO SCALE

MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)			
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-13S-2</p> <p>ELEVATION (FT): 1362.7190</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N SUMP LENGTH (FT): 0</p> </div> <div> <p>WELL NUMBER: RMW-13S-2</p> <p>WELL LOCATION (STATION) ID: RMW-13S-2</p> <p>DATE COMPLETED: 05/26/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2476153.77800</p> <p>Y COORDINATE: 354968.19000</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p> </div> </div>			
		<p>Elevation of Top of Surface Casing 1363.9600</p> <p>Type of Surface Plug concrete</p> <p>Depth of Surface Plug (bgs in feet) 1</p> <p>Diameter of Surface Plug (Ft) 2</p> <p>Riser Pipe</p> <p>Elevation of Top of Riser Pipe 1362.7190</p> <p>Depth of Top of Riser Pipe (bgs in feet) 1.241</p> <p>I.D. of Surface Casing (Inches) 6</p> <p>Type of Surface Casing steel</p> <p>Depth of Surface Casing (Ft) 5</p> <p>I.D. of Riser (Inches) 2</p> <p>Type of Riser PVC sch 40</p> <p>Borehole Diameter (Inches) 6</p> <p>Type of Backfill bent-cement grout</p> <p>Backfill - Tremied (Y or N) Y</p> <p>Depth of Top of Seal (Ft) 116</p> <p>Elevation of Top of Seal 1247.9600</p> <p>Type of Seal: bentonite-pellets</p> <p>Seal - Tremied (Y or N) Y</p> <p>Depth of Top of Filter Pack (Ft) 118</p> <p>Depth of Top of Screen (Ft) 120</p> <p>Elevation of Top of Screen 1243.9600</p> <p>Type of Screen: PVC sch 40</p> <p>I.D. of Screen (Inches) 2</p> <p>Slot Size of Screen (Inches) 0.01</p> <p>Length of Screen (Ft) 10</p> <p>Type of Filter Pack: sand pack</p> <p>Filter Pack - Tremied (Y or N) Y</p> <p>Well Construction Remarks:</p> <p>Depth of Bottom of Screen (Ft) 130</p> <p>Depth of Bottom of Filter Pack (Ft) 130</p> <p>Elevation of Bottom of Filter Pack 1233.9600</p> <p>Type of Backfill Below Filter Pack sand pack</p> <p>Depth of Hole (Ft) 135</p> <p>Elevation of Hole 1228.9600</p>	

MONITORING WELL CONSTRUCTION DIAGRAM



MONITORING WELL CONSTRUCTION DIAGRAM

UNCONSOLIDATED MONITORING WELL CONSTRUCTION DIAGRAM (FLUSH MOUNT)																																																																							
<div style="display: flex; justify-content: space-between;"> <div> <p>PROJECT: Mountain Top</p> <p>PROJECT NO.: 106-8706.0031</p> <p>BORING NUMBER: RMW-14S</p> <p>ELEVATION (FT): 1290.6980</p> <p>FIELD GEOLOGIST: Alex Valli</p> <p>DRILLER: Parratt Wolff</p> <p>DRILLING METHOD: Hollow Stem Auger</p> <p>DEVELOPMENT METHOD: Submersible Pump</p> <p>SUMP INSTALLED?(Y/N): N</p> </div> <div> <p>WELL NUMBER: RMW-14S</p> <p>WELL LOCATION (STATION) ID: RMW-14S</p> <p>DATE COMPLETED: 06/20/11</p> <p>SURVEY DATE: 05/22/13</p> <p>X COORDINATE: 2473753.00200</p> <p>Y COORDINATE: 353392.31100</p> <p>DATUM: NAVD88</p> <p>START DEPTH (FT): 0.0</p> <p>METHOD TO MEASURE WELL DEPTH: Casing/screen used</p> </div> </div>																																																																							
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